

METHOD FOR DISCRIMINATING OPTICAL MEDIA TYPE

Abstract

A method for discriminating optical media type includes positioning a reading unit of the optical drive at a first position, moving the reading unit to a second position so that a light spot passes over a data layer of the optical media, continuing measuring the reflection of the laser beam to obtain a first time when the reflection is larger than a predetermined reflection, moving the reading unit back to the first position so that the light spot again passes over the data layer of the optical media, continuing measuring the reflection of the laser beam to obtain a second time when the reflection is larger than the predetermined reflection, and calculating the time difference between the second time and the first time and comparing with at least one predetermined time in order to discriminate the type of the optical media.